

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

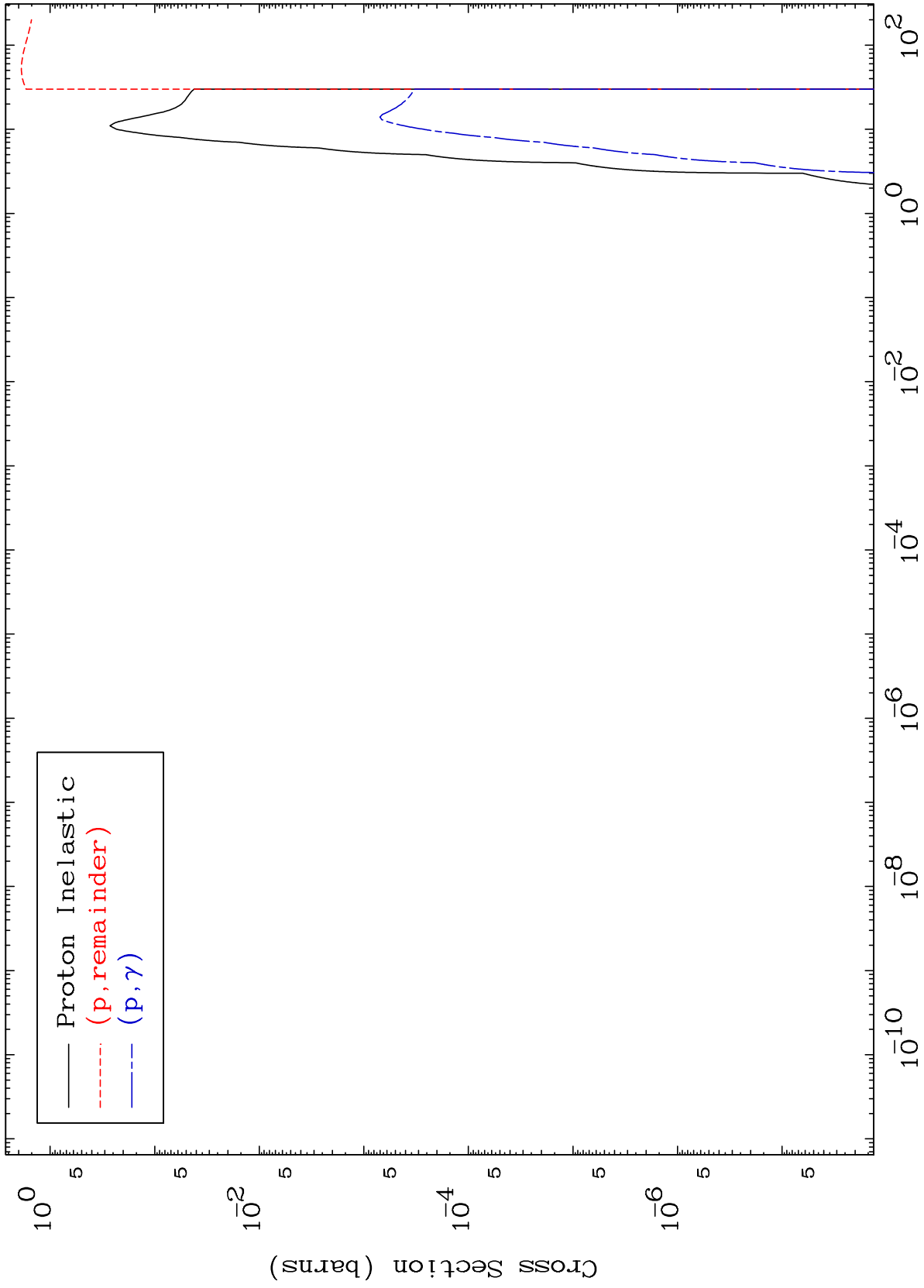
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7239

Proton Major  
0 Kelvin Cross Sections

72-Hf-178



1

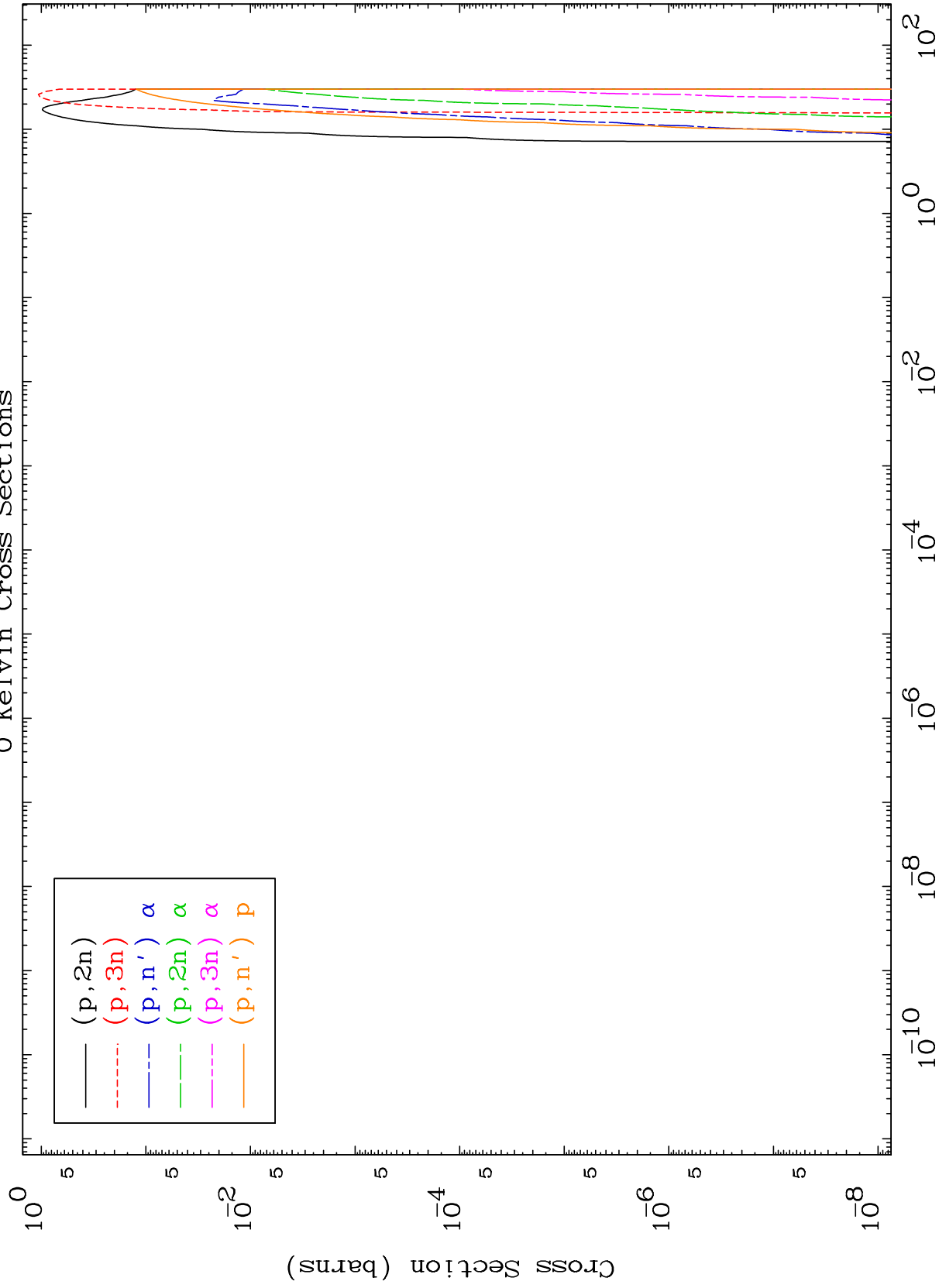
Incident Energy (MeV)

72-Hf-178

MAT 7239

Proton Neutron Production  
0 Kelvin Cross Sections

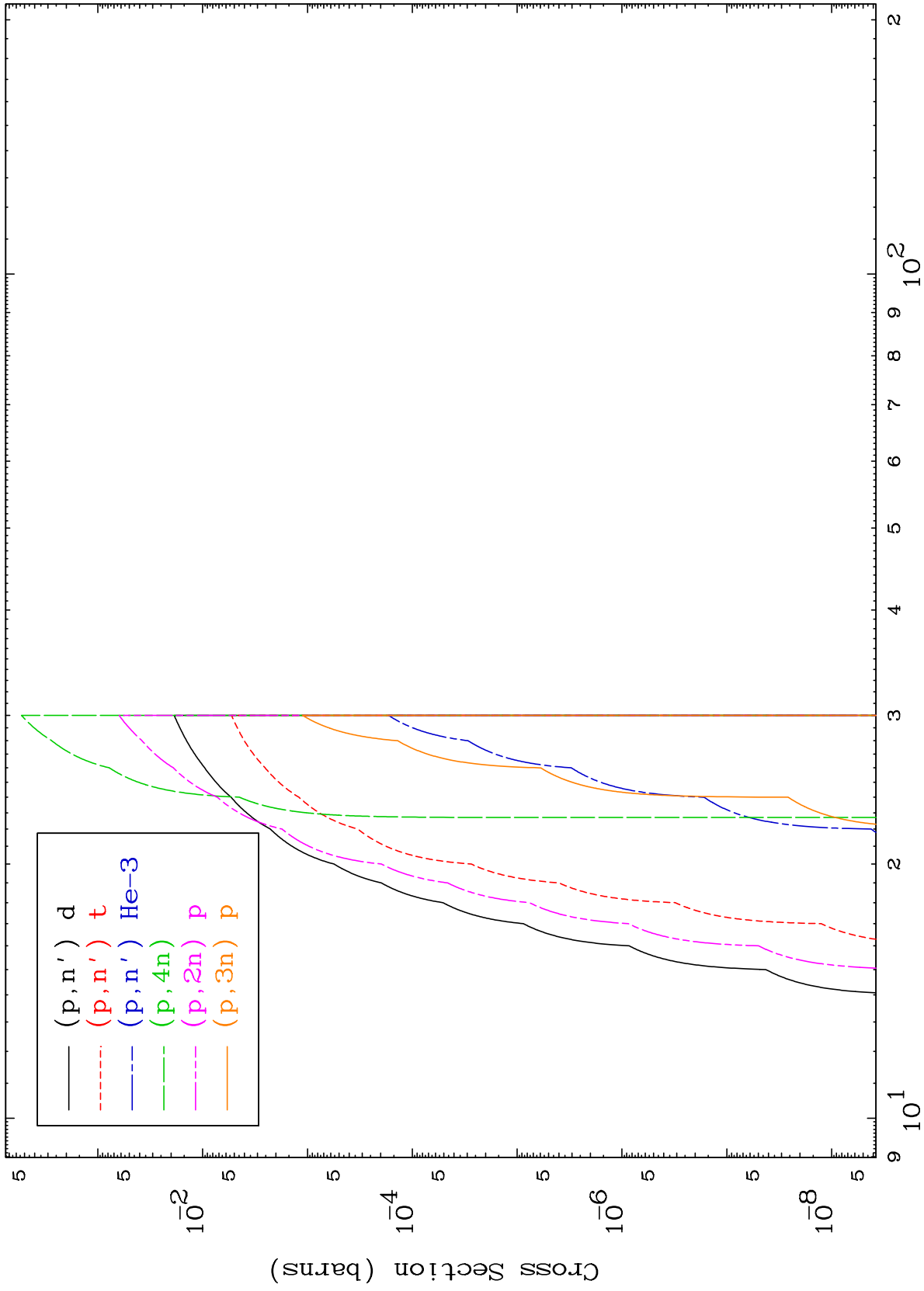
72-Hf-178



2

Incident Energy (MeV)

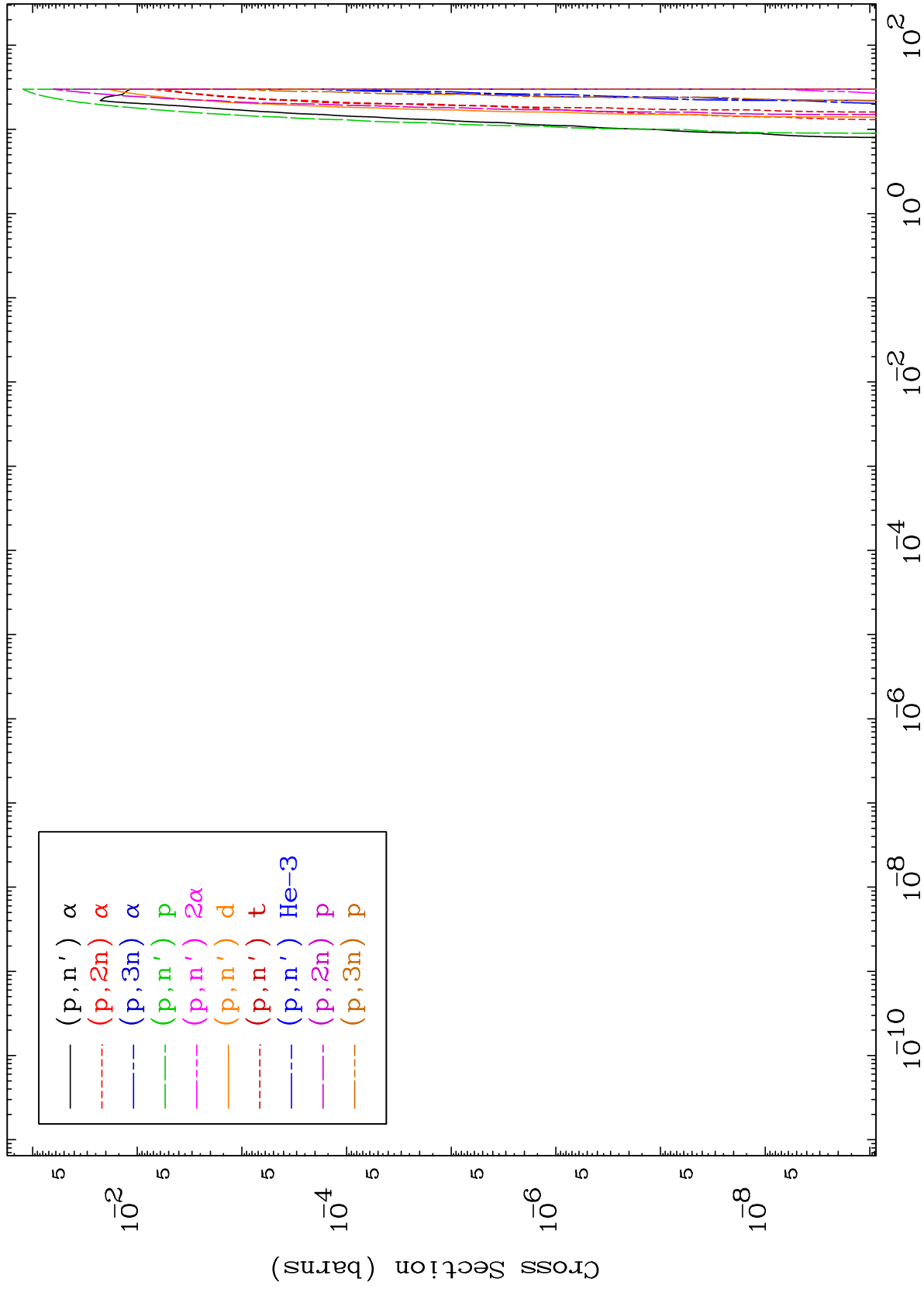
72-Hf-178

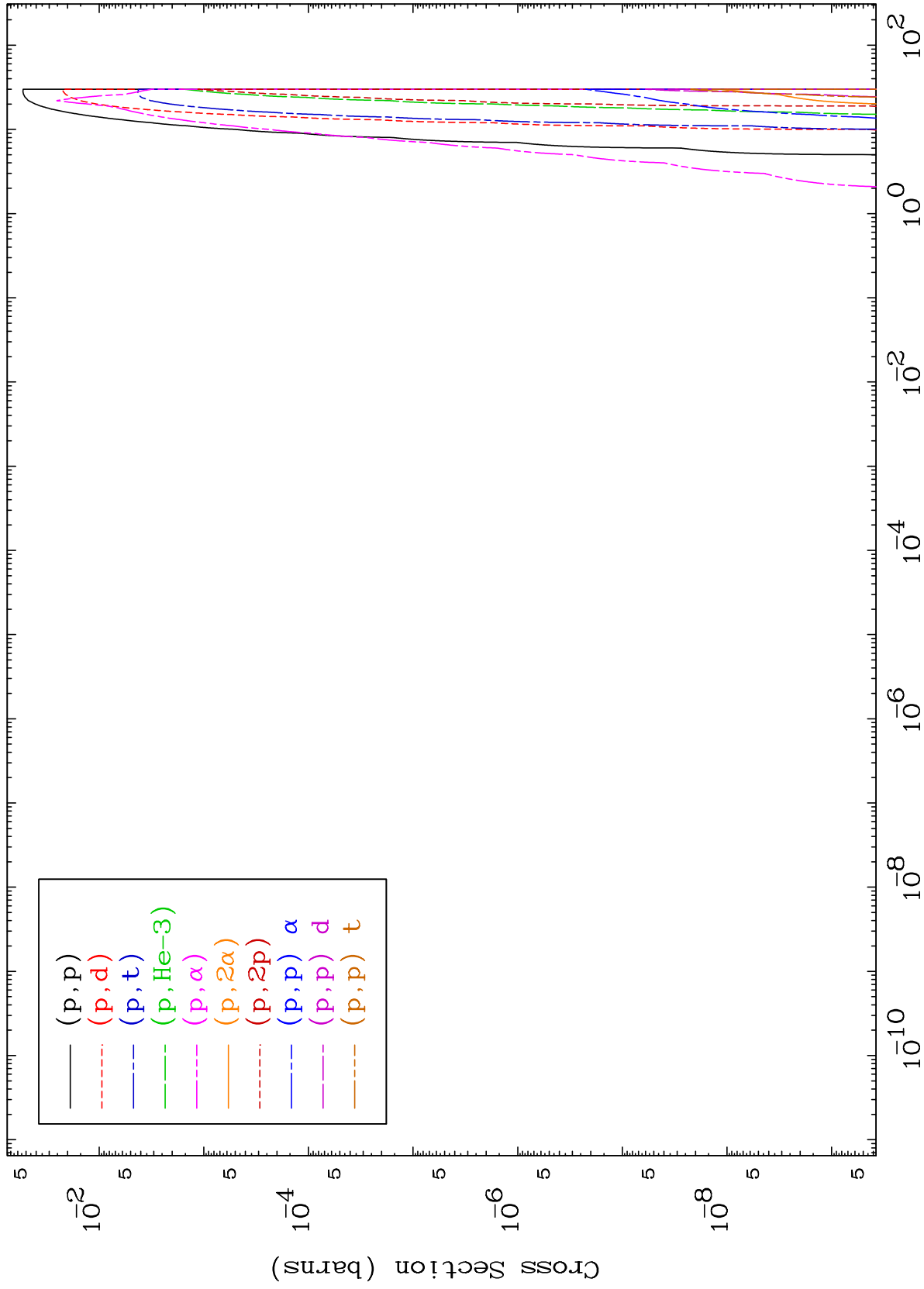


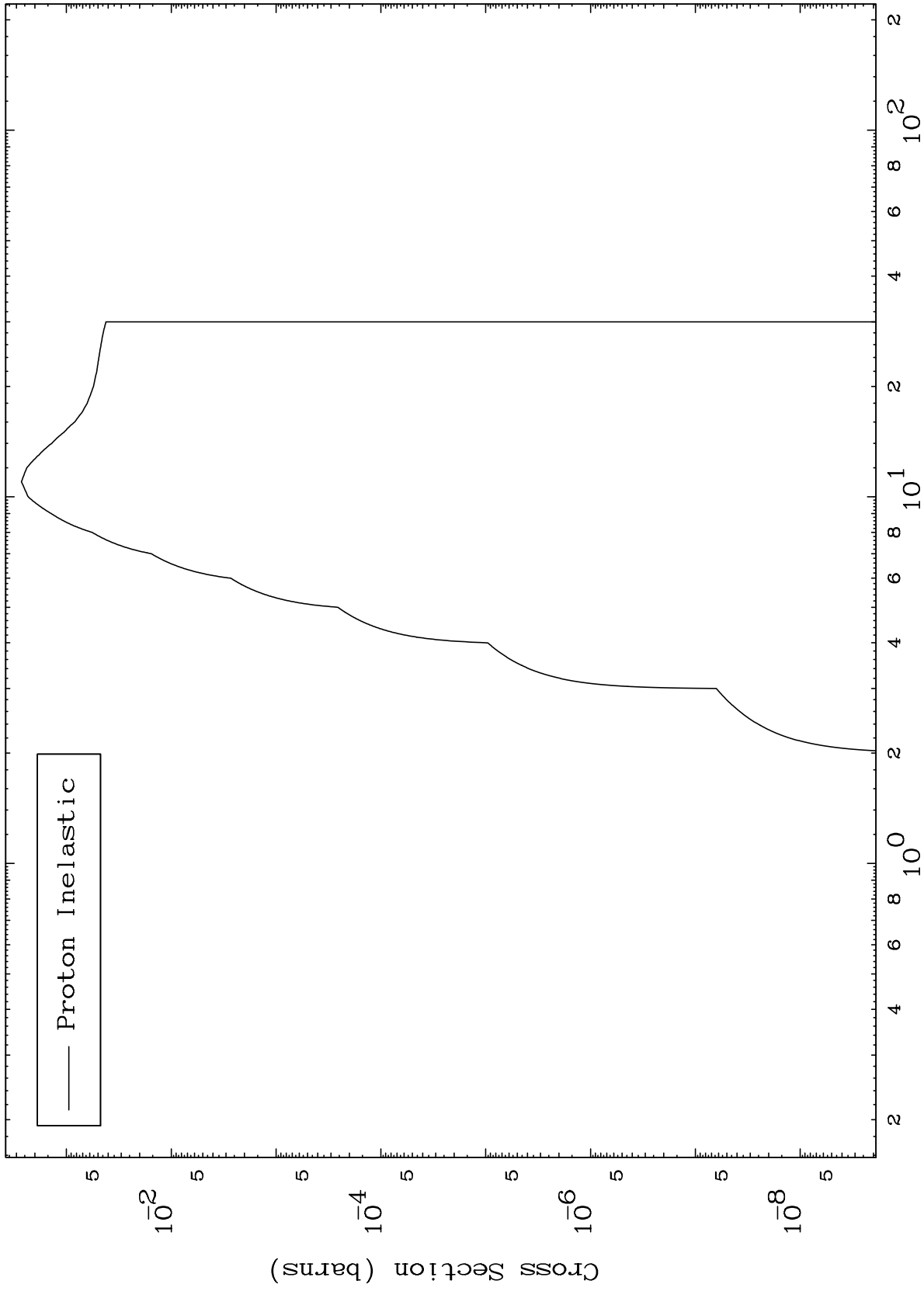
MAT 7239

Proton Charged Particle  
0 Kelvin Cross Sections

72-Hf-178



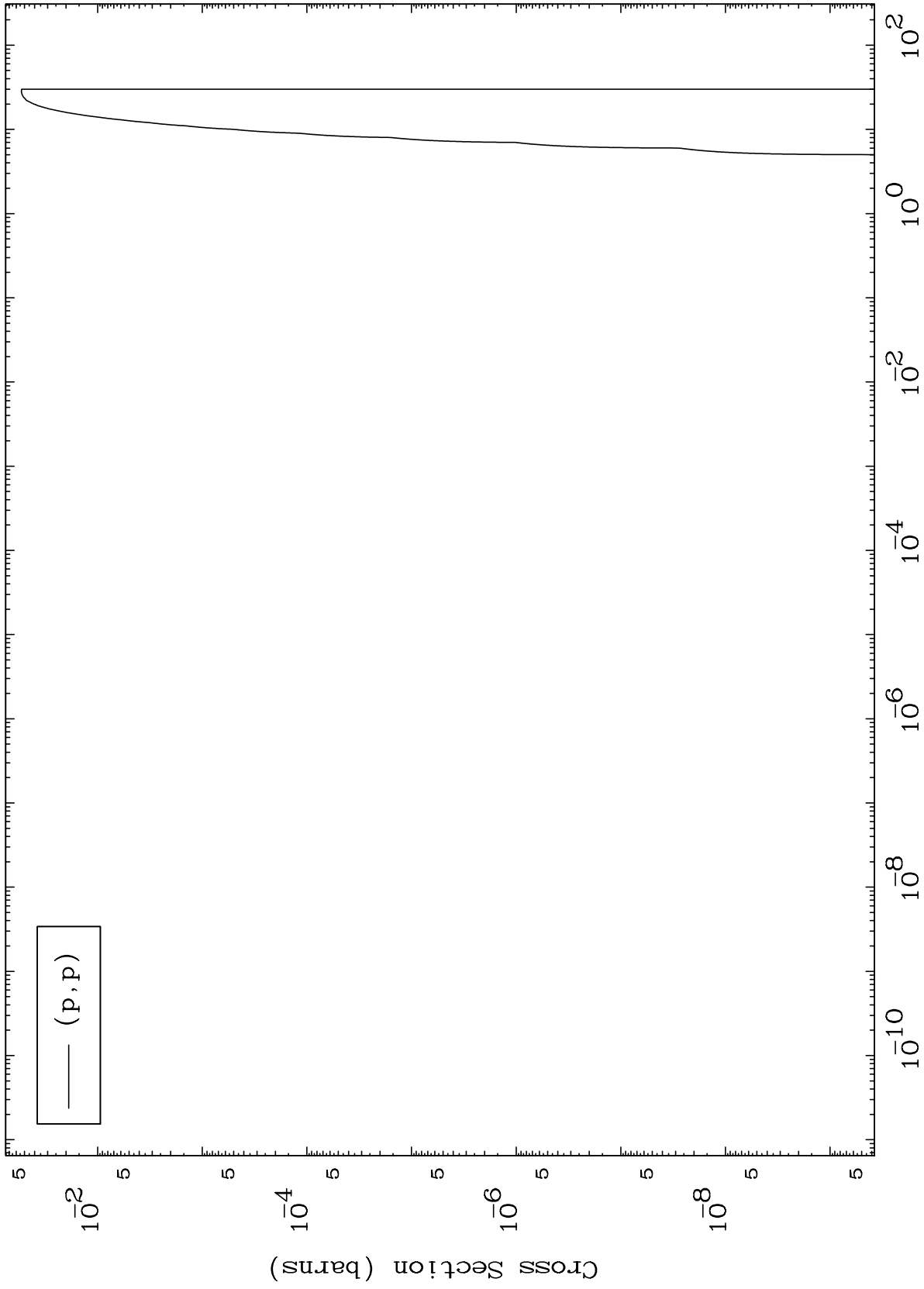




MAT 7239

(p,p) Levels  
0 Kelvin Cross Sections

72-Hf-178



7

Incident Energy (MeV)

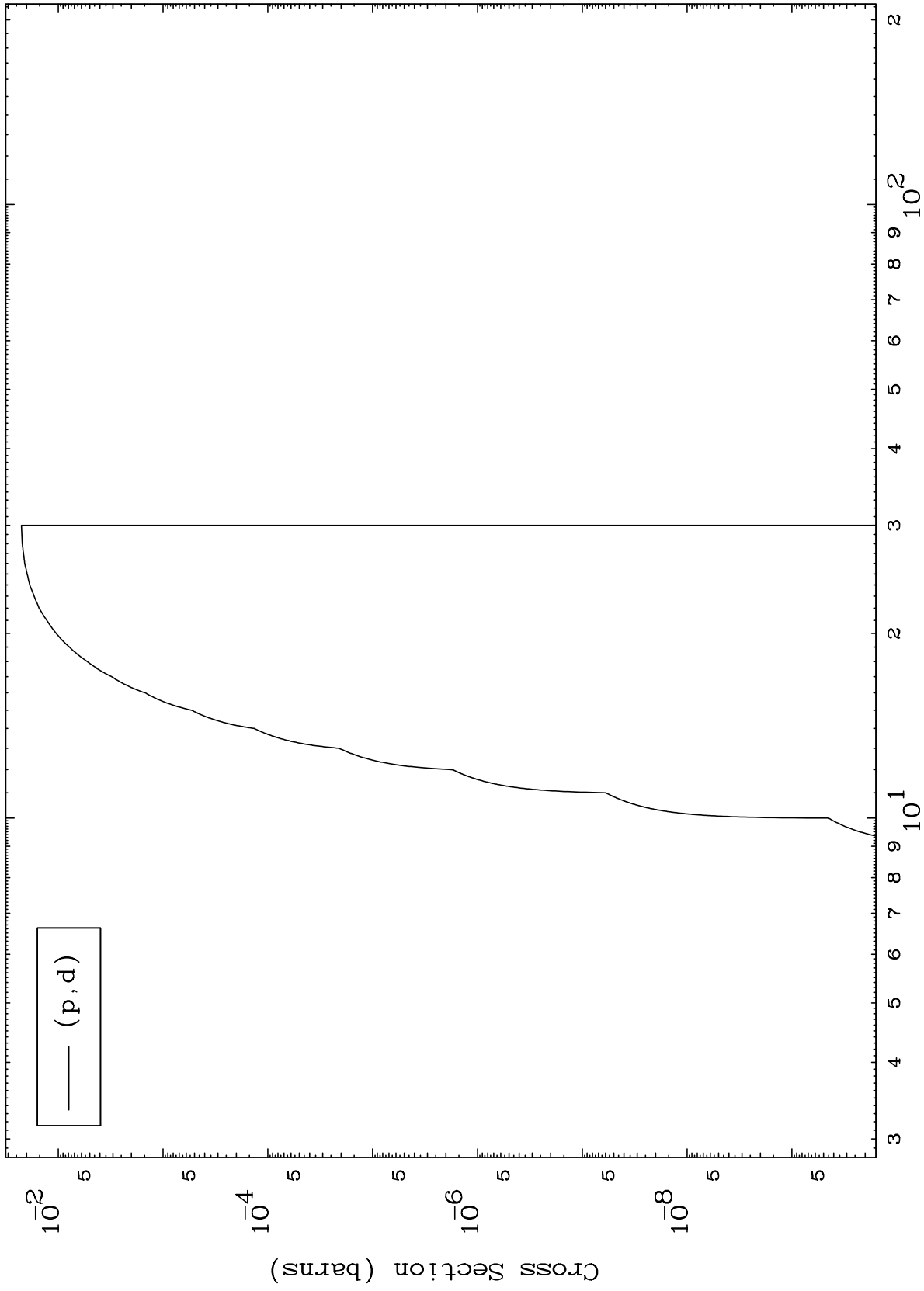
72-Hf-178



MAT 7239

(p,d) Levels  
0 Kelvin Cross Sections

72-Hf-178



8

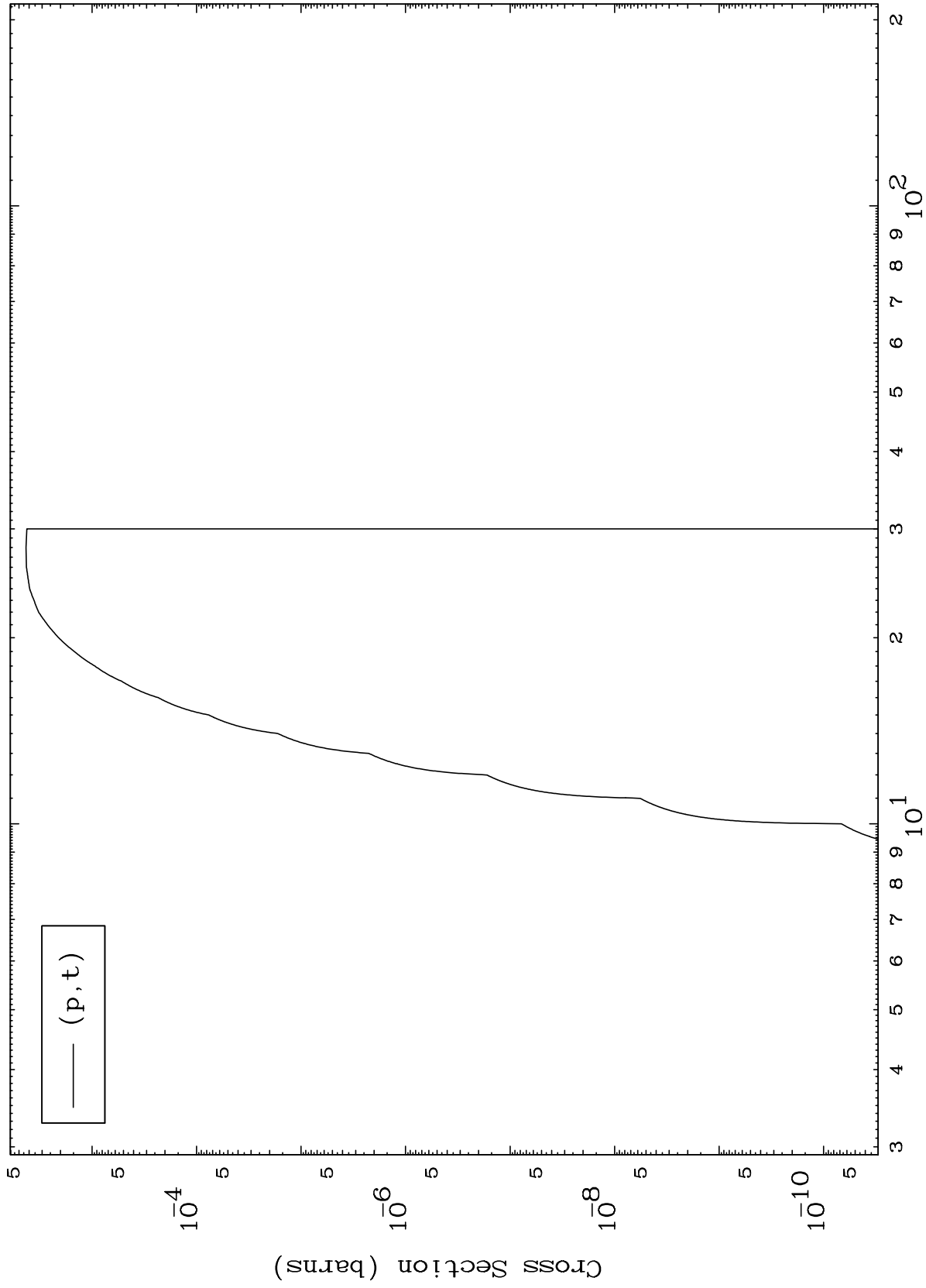
Incident Energy (MeV)

72-Hf-178

MAT 7239

(p,t) Levels  
0 Kelvin Cross Sections

72-Hf-178



9

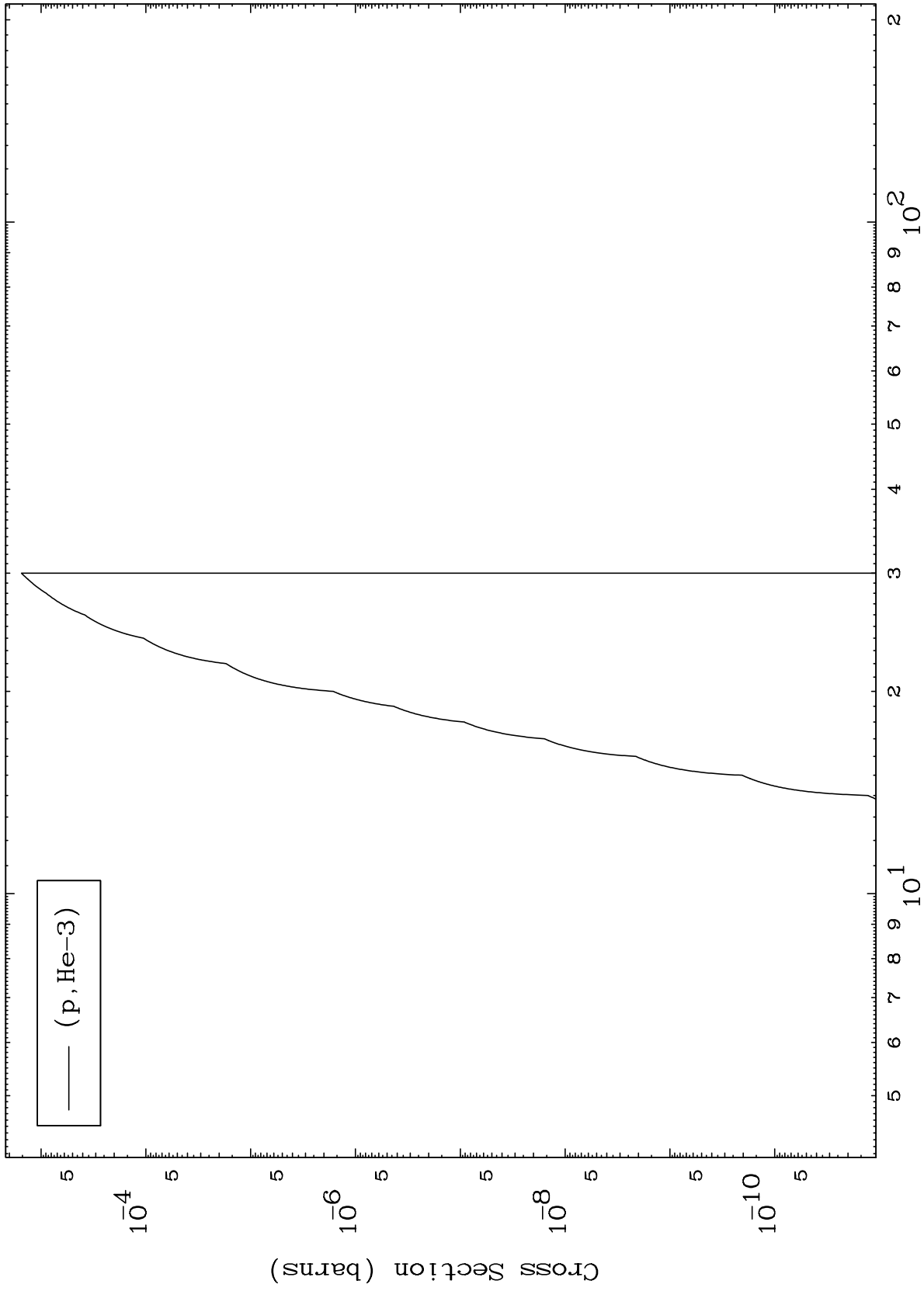
Incident Energy (MeV)

72-Hf-178

MAT 7239

(p,He3) Levels  
0 Kelvin Cross Sections

72-Hf-178



10

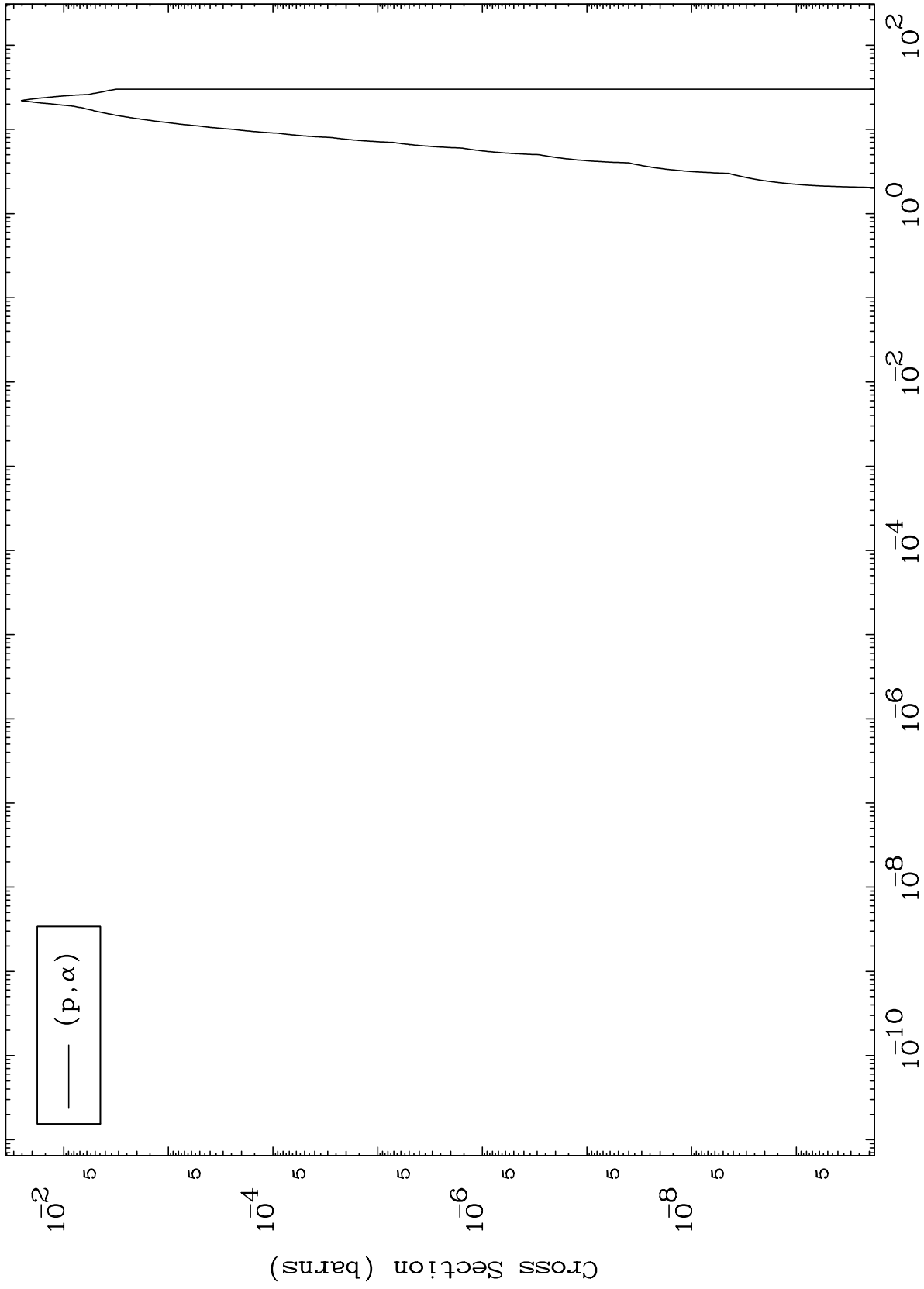
Incident Energy (MeV)

72-Hf-178

MAT 7239

(p,α) Levels  
0 Kelvin Cross Sections

72-Hf-178



11

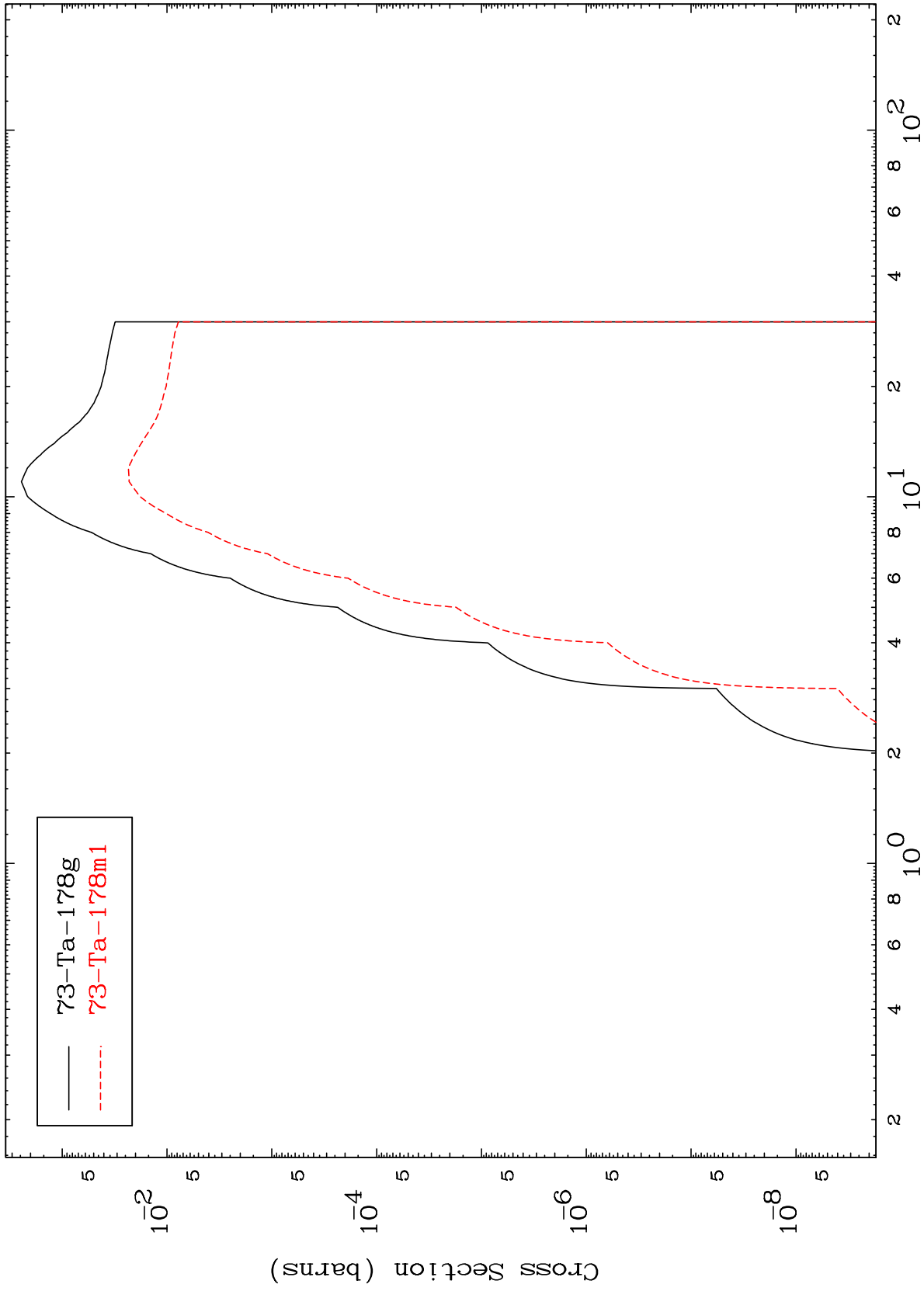
Incident Energy (MeV)

72-Hf-178

MAT 7239

Proton Inelastic  
Radionuclide Production Cross Section

72-Hf-178



12

Incident Energy (MeV)

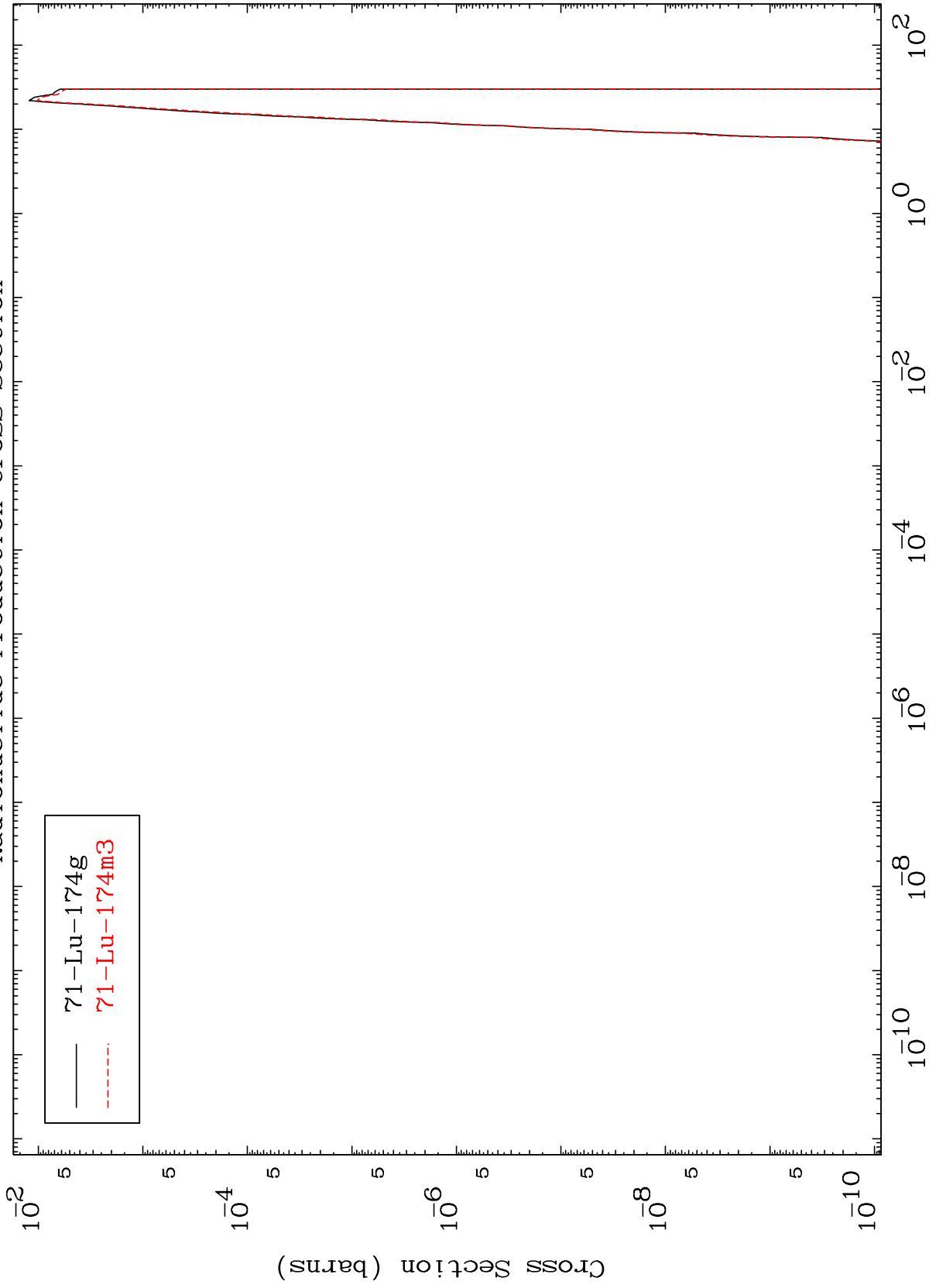
72-Hf-178

MAT 7239

(p,n')  $\alpha$

72-Hf-178

Radionuclide Production Cross Section



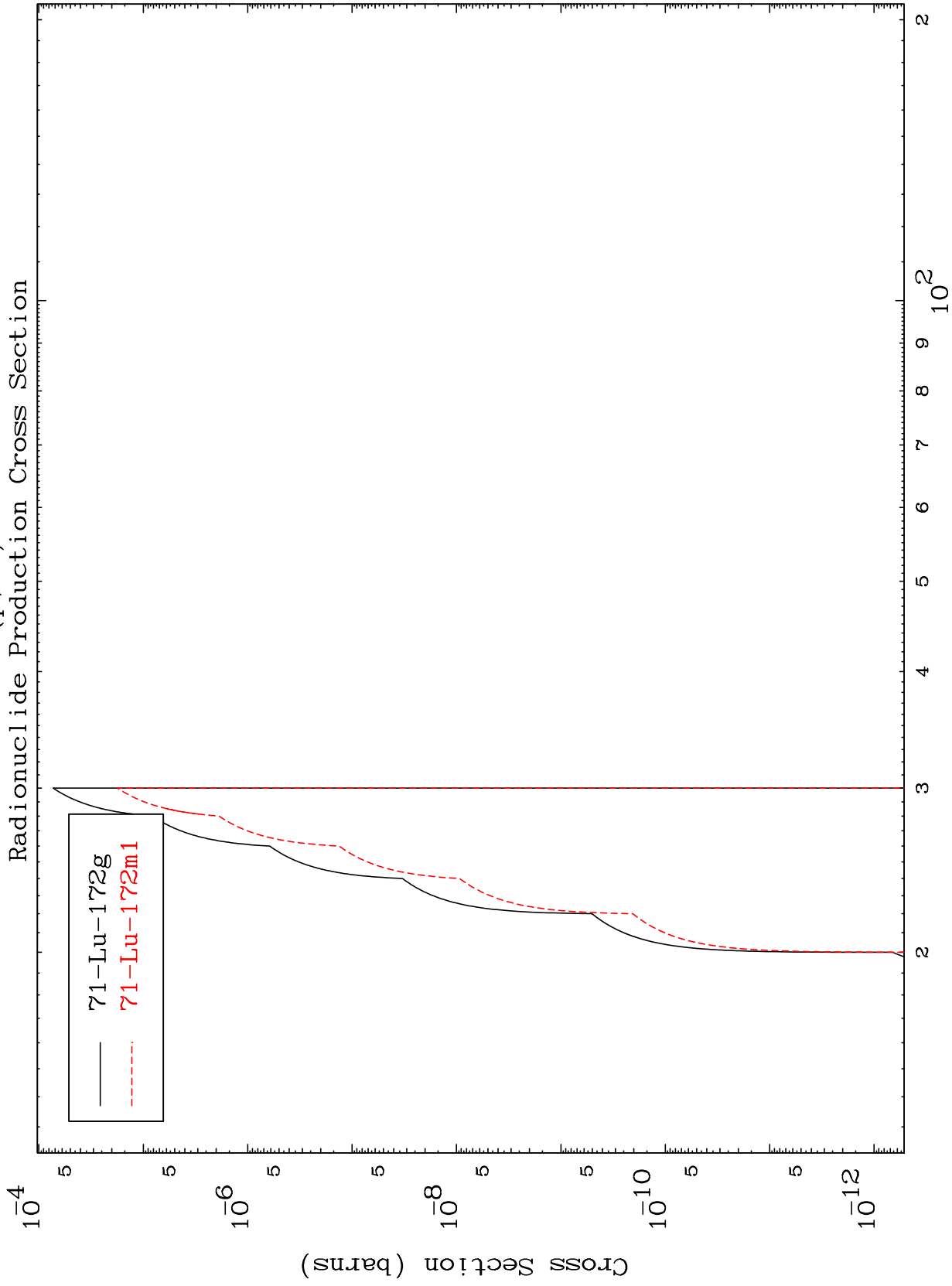
13

72-Hf-178

MAT 7239

(p,3n)  $\alpha$

72-Hf-178



14

Incident Energy (MeV)

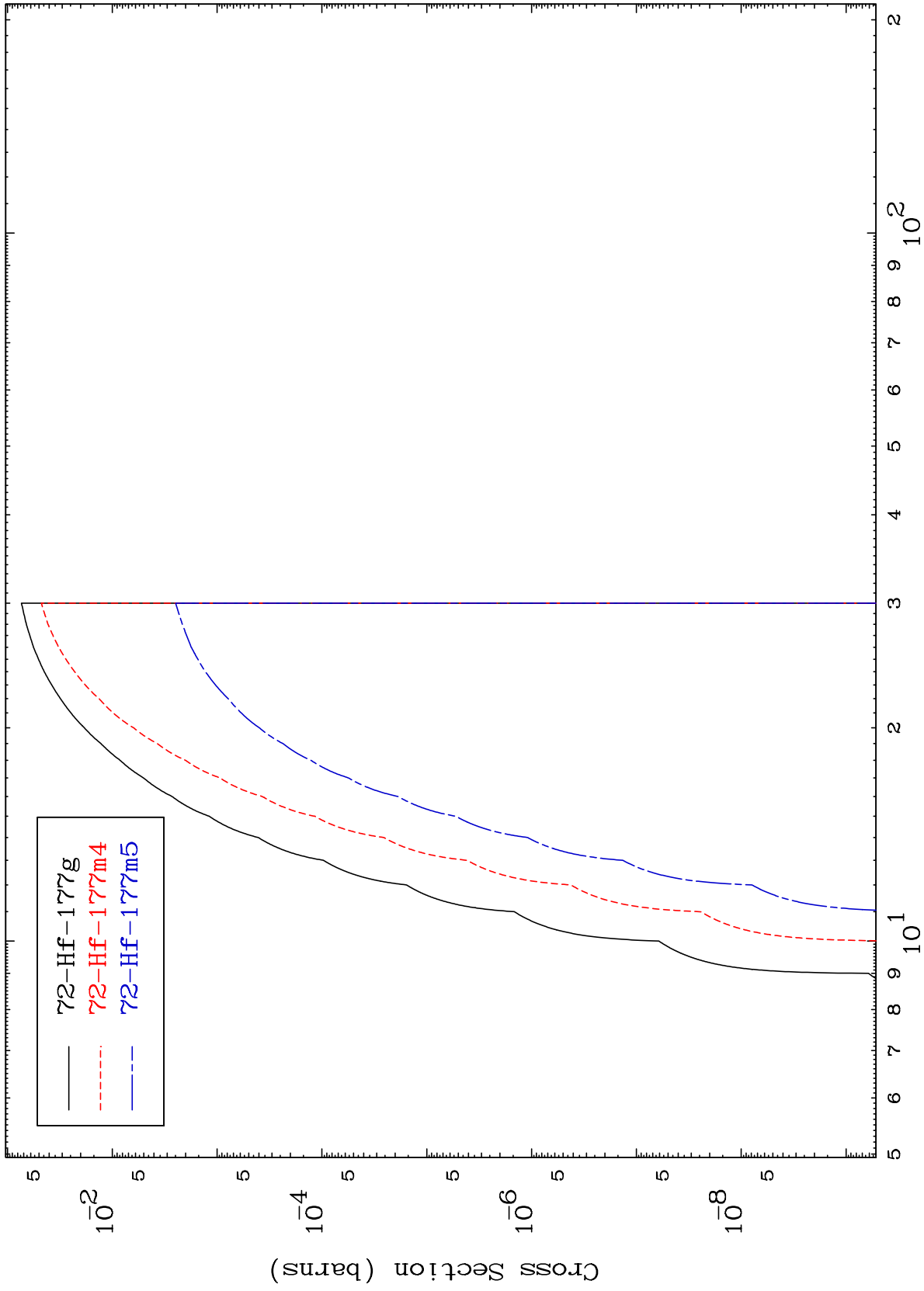
72-Hf-178

MAT 7239

(p,n') p

72-Hf-178

Radionuclide Production Cross Section



15

Incident Energy (MeV)

72-Hf-178

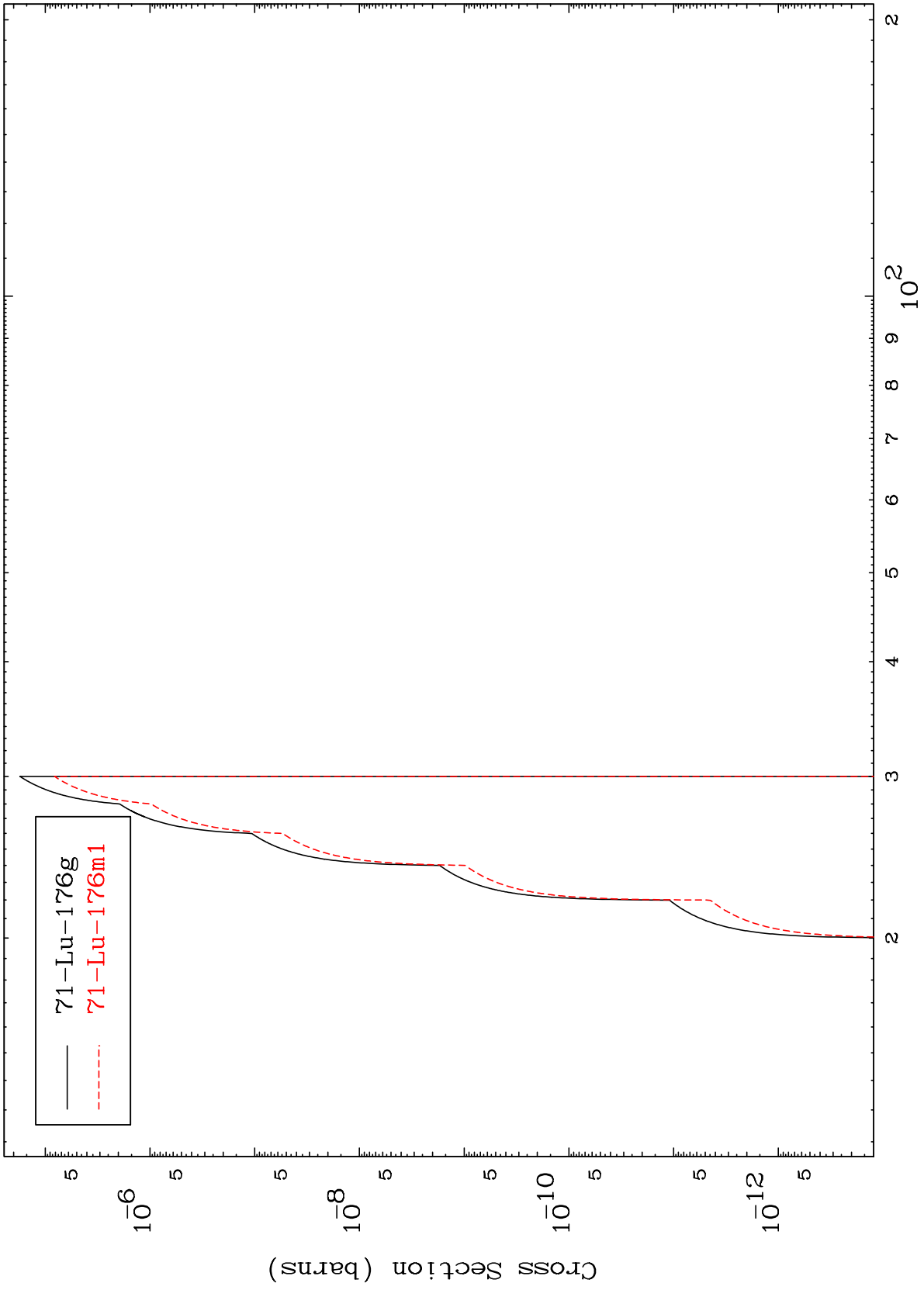


MAT 7239

(p,2n) p

72-Hf-178

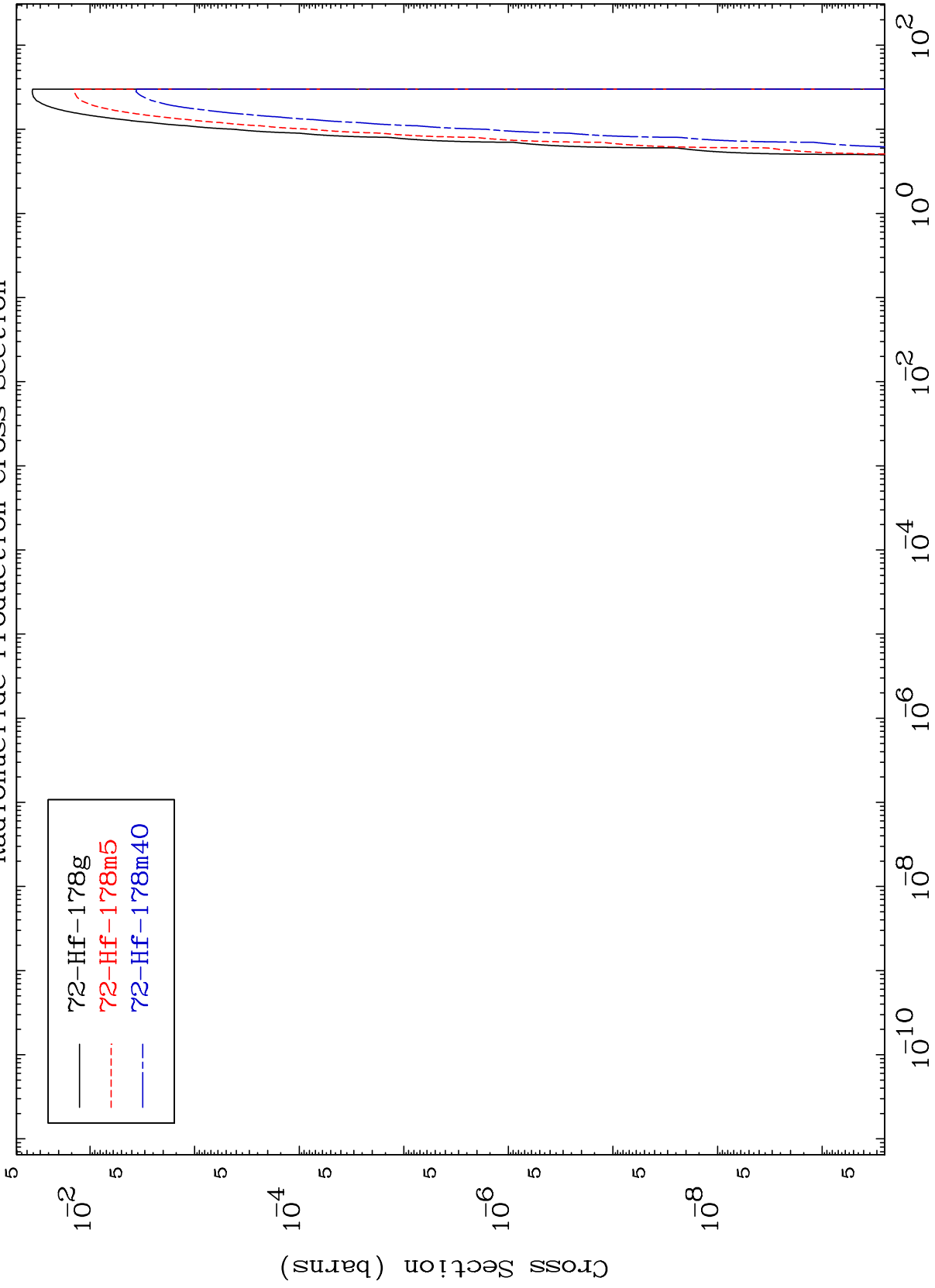
Radionuclide Production Cross Section



MAT 7239

(p,p)  
Radionuclide Production Cross Section

72-Hf-178



17

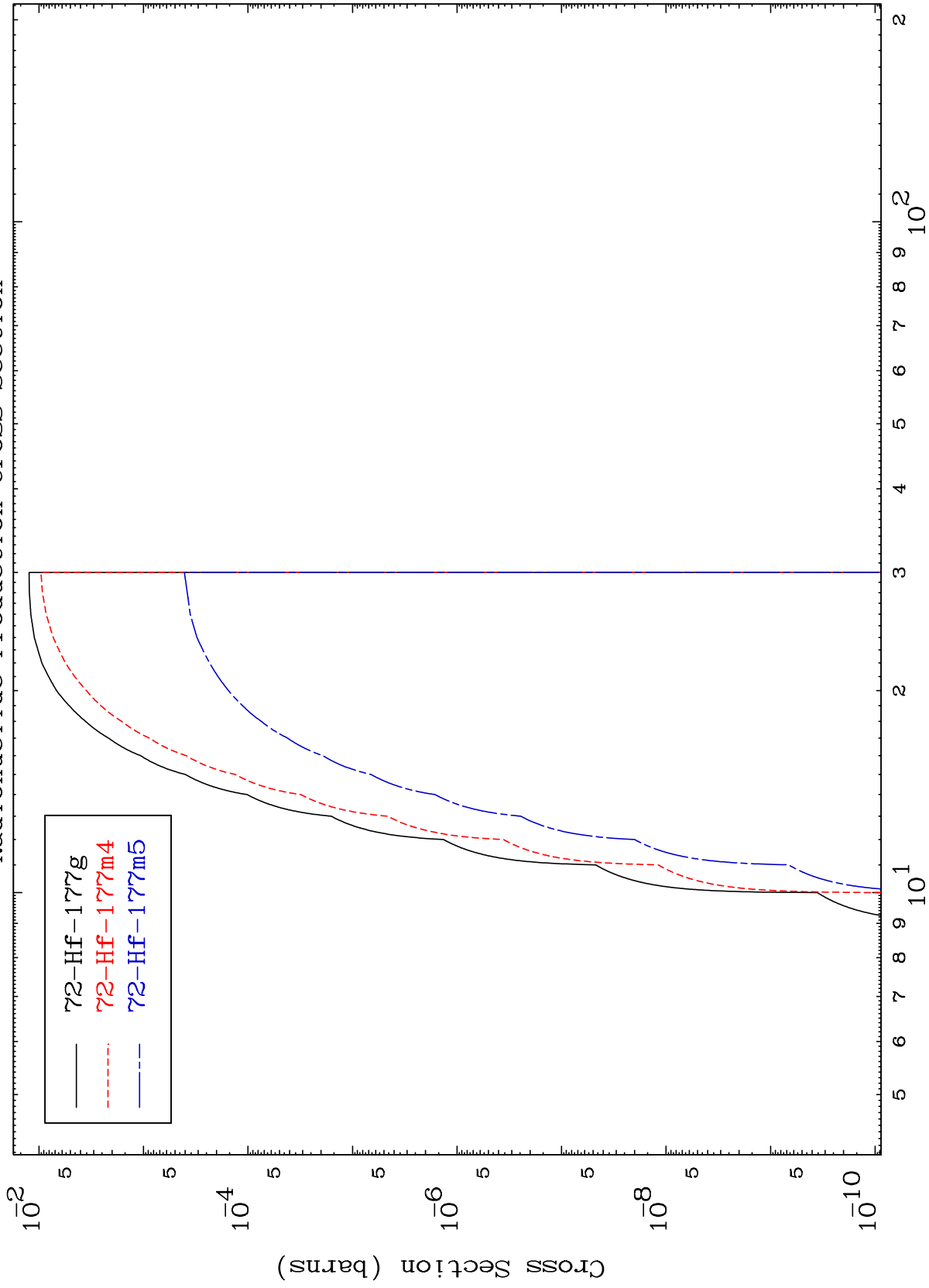
Incident Energy (MeV)

72-Hf-178

MAT 7239

72-Hf-178

(p,d)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

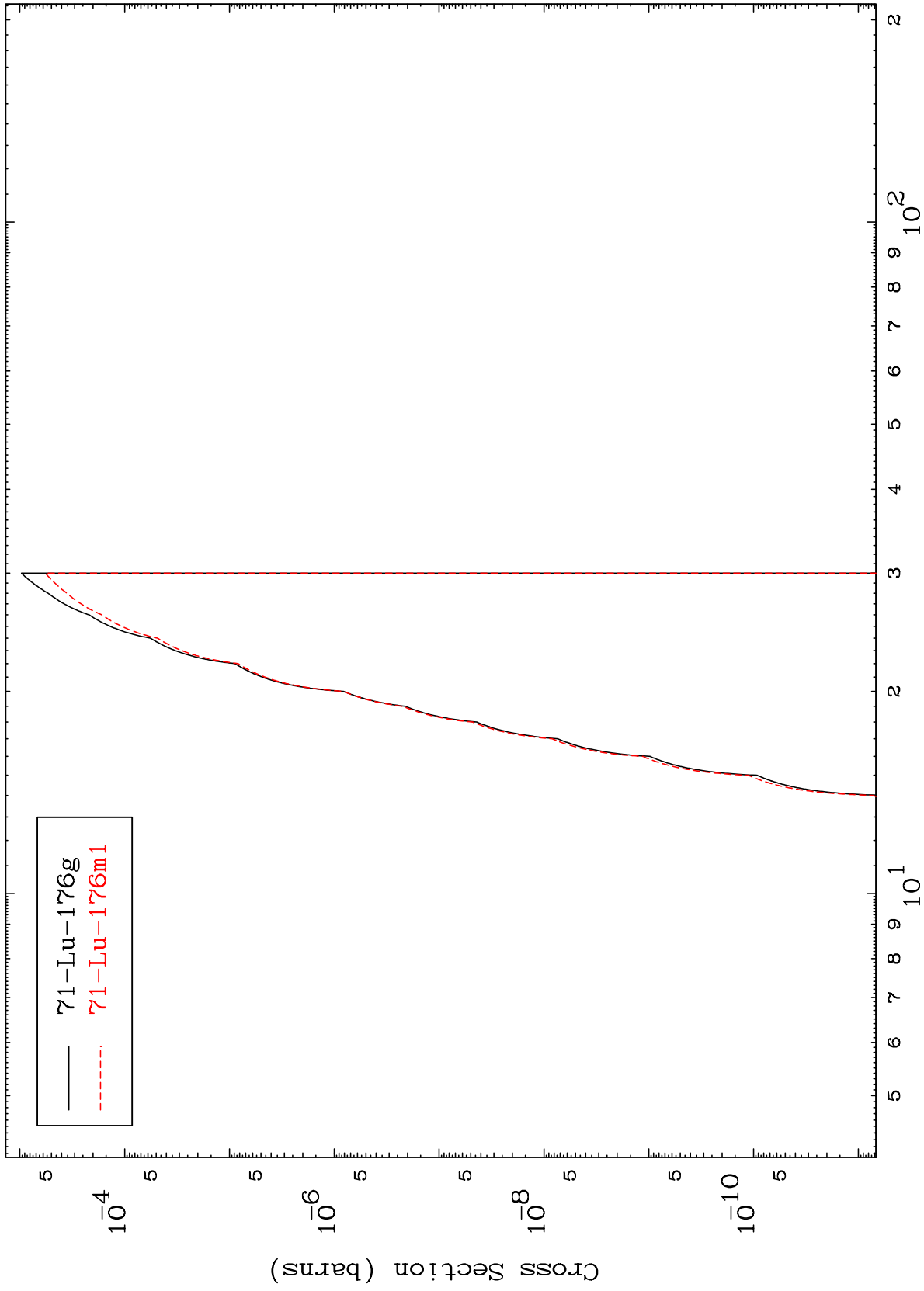
72-Hf-178

MAT 7239

(p,He-3)

72-Hf-178

Radionuclide Production Cross Section



19

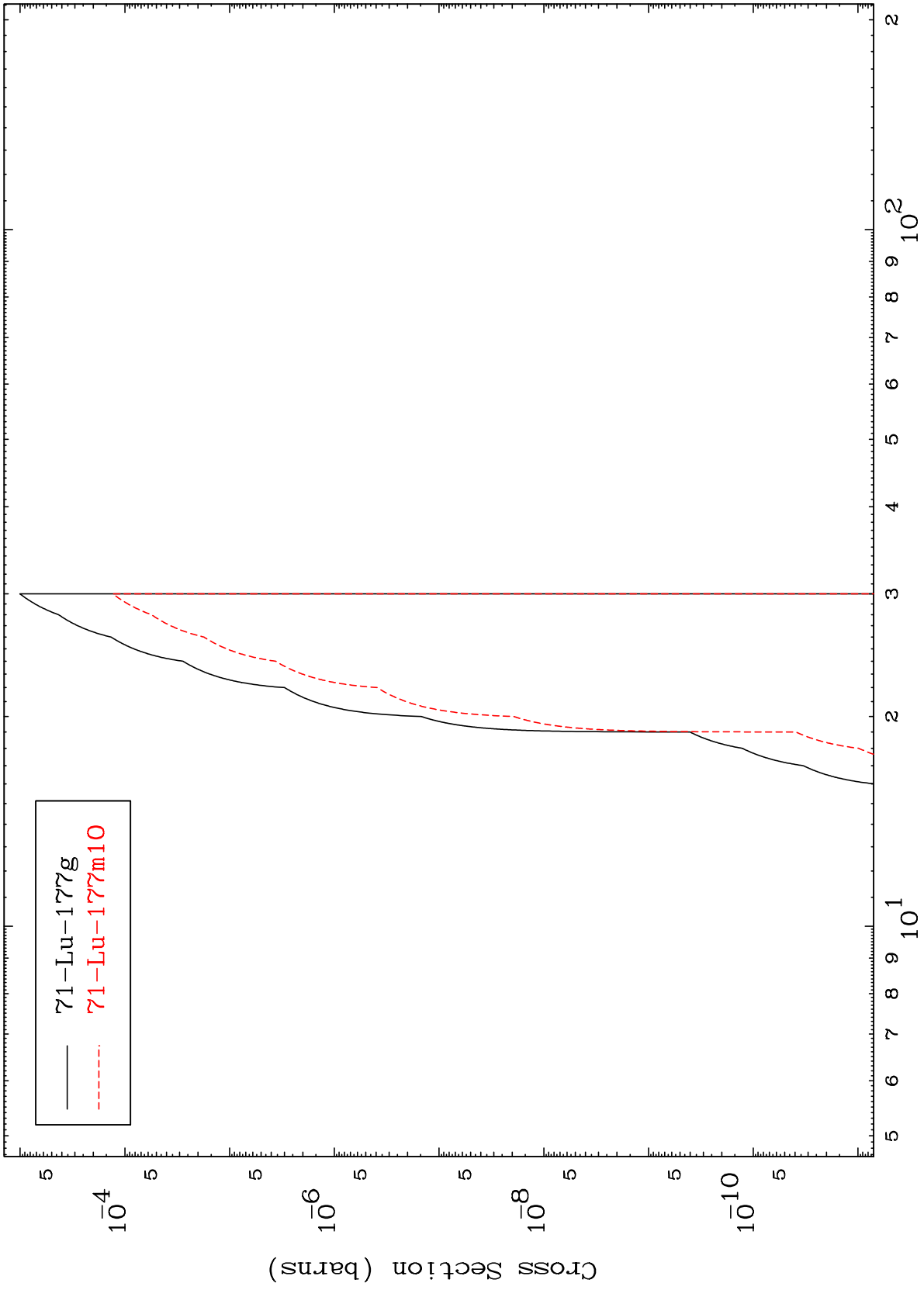
Incident Energy (MeV)

72-Hf-178

MAT 7239

72-Hf-178

(p,2p)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

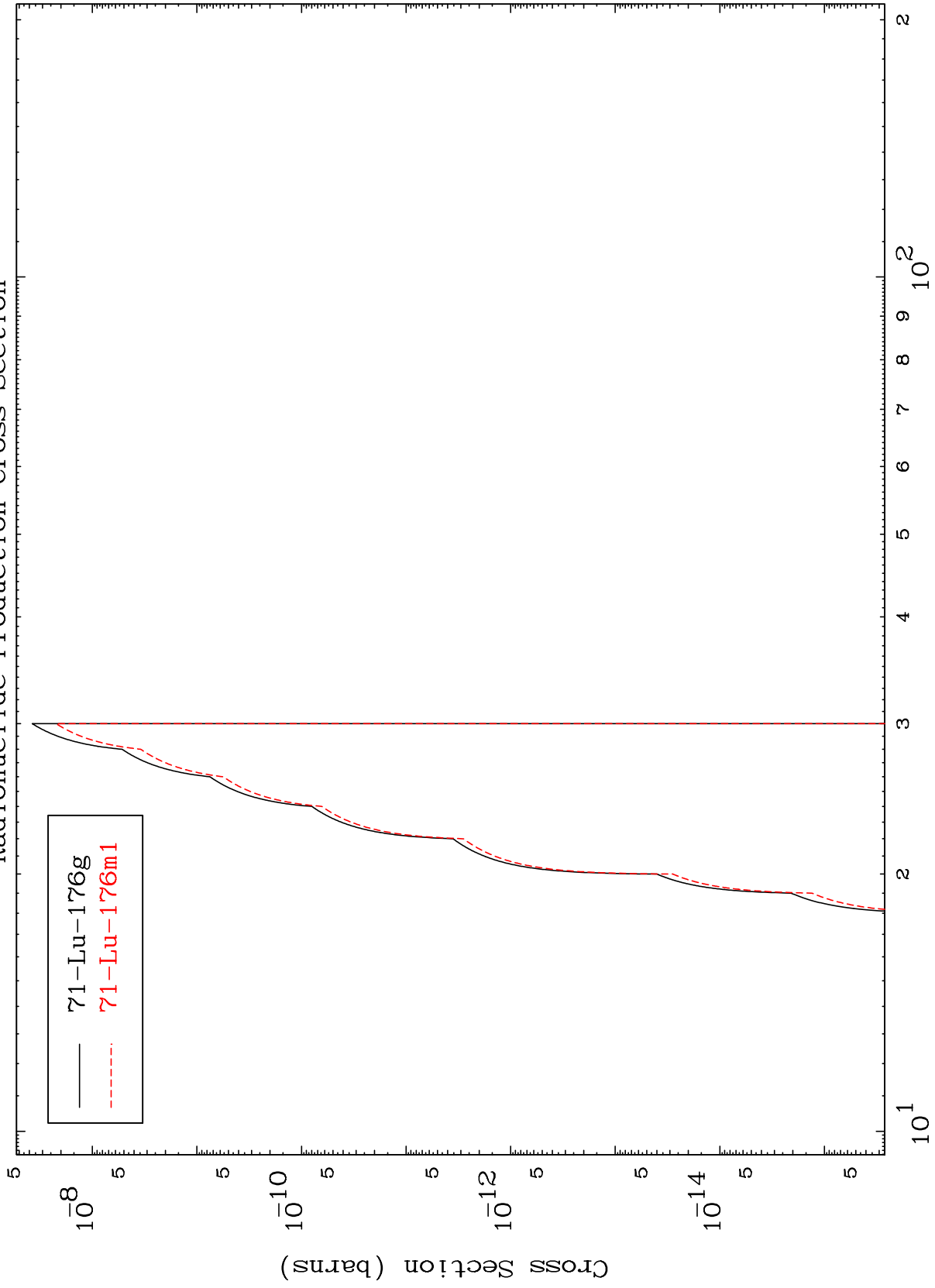
72-Hf-178

MAT 7239

(p,p) d

72-Hf-178

Radionuclide Production Cross Section



21

Incident Energy (MeV)

72-Hf-178